

Abstract

[0101] The subject invention provides methods and compositions for the treatment of neurogenetic disorders, particularly DSM-IV impulse control disorders such as intermittent explosive disorder, kleptomania, pyromania, pathologic gambling, trichotillomania, and other impulse control disorders such as compulsive buying and problematic Internet use. In a preferred embodiment, the subject invention provides methods for treating or controlling symptoms associated with ADHD or PWS comprising the administration of therapeutically effective amounts of compositions containing compounds of the formulas I-V. In another embodiment, the subject invention provides for methods of promoting wound healing comprising the administration of a therapeutically effective amount of a composition comprising the compounds of formulas I-V. Compositions may administered to a wound site via a salve, ointment, or as a component of a bandage or bioadhesive applied to the site of injury. The invention also provides therapeutically effective compositions comprising one or more of the compounds of formulas I-V.